

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

3X43

Inventor(s): HOULE et al.

Appln. No.: 10 | 042,182  
Series Code ↑ | Serial No. ↑Filed: January 11, 2002  
Mail Stop Non-Fee Amendment  
Hon. Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

REPLY/AMENDMENT/LETTER

Group Art Unit 3743

Examiner: Tho V. Duong

Atty. Dkt. P 276921 | P12682

M# Client Ref

Appln. Title: INTEGRATED HEAT SPREADER  
WITH MECHANICAL INTERLOCK  
DESIGNS

RECEIVED

MAY 29 2003

TECHNOLOGY CENTER R3700

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim	For B & C See Required <u>Separate Paper</u> (Pat-256)
A. <input checked="" type="checkbox"/> NOT made	
B. <input type="checkbox"/> Withdrawn	
C. <input type="checkbox"/> made herewith	
D. <input type="checkbox"/> made previously	

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	23	**minus	25	0	x \$18/\$9 =	+ \$0 103/203
3. Independent Claims	4	***minus	4	0	x \$84/\$42 =	+ \$0 102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time (leave blank if this is a reissue application) .....		add		+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: <input type="checkbox"/> NONE						
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$410/\$205 = \$930/\$465 = \$1,450/\$725 = \$1,970/\$985 =		+ \$0		115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0				
8.		Extension Fee		+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55		+ \$0		148/248
10. If IDS attached requires Official Fee under Rule 97 (c), or if Rule 97(d) Request	add add	+ \$180 + \$180		+ \$0		126 126
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$750/370		+ \$0		146/246
12. No. of additional inventions for examination per Rule 129(b)		x \$750/375 ea		+ \$0		149/249
13. Request for Continued Examination (RCE)		+ \$750/375		+ \$0		1179/1279
14. Petition fee for				+ \$0		
15.		TOTAL FEE =		\$0		

Our Deposit Account No. 16-1805  
(Our Order No. 81674 | 276921  
C# M#)

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Roger R. Wise

Reg. No. 31204

Sig:

Fax: (213) 629-1033  
Tel: (213) 488-7584

Atty/Sec: RRW/SJB

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



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INTEL  
81674-276921

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of:

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Examiner: Duong, Tho V

) Art Unit: 3743

Houle et al.

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Serial No: 10/042,182

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Filed: January 11, 2002

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For: INTEGRATED HEAT SPREADER WITH  
MECHANICAL INTERLOCK DESIGNS

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Amendment

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Assistant Commissioner for Patents  
Washington, D.C. 20231

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MAY 29 2003

TECHNOLOGY CENTER R3700

Dear Sir:

In response to the Office Action dated April 9, 2003 in connection with the above-identified application, please enter and consider the following amendment and remarks.

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IN THE CLAIMS:

Please cancel claims 2, 3, without prejudice, and amend claim 1 as follows:

*10 C-1*

1. (Amended) An integrated heat spreader constructed and arranged to be adhesively affixed, with a sealant, to at least a portion of a component,

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comprising:

a body portion;

a solid continuous lip portion substantially vertically oriented relative to the body portion; and